

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Solano County Public Works Mellin Levee

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mellin Levee	Right	0.59	03/15/2017 03/15/2017	Richard Willoughby

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				
DWR ID	DWR_NA0012_01_s _ 2013_6				
Comment Code					
Inspector Comment					
LMA has a copy of the O & M Manuals on file at the office.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				
DWR ID	DWR_NA0012_01_s _ 2013_7				
Comment Code					
Inspector Comment					
LMA has an adequate supply of flood fight supplies on hand.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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LM Start	0.00	Rating **	A	Issue No.	9	
LM End	0.00	Issue Type +	Ma	Location *	N/A	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Flood Preparedness & Training				o	
					o	
DWR ID	DWR_NA0012_01_s _ 2013_9					
Comment Code						
Inspector Comment						
Latest training Oct. 2014						

No Photos

LM Start	0.00	Rating **	M	Issue No.	1
LM End	0.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.174051 °	38.176920 °
				-121.674220 °	-121.677898 °
DWR ID	DWR_NA0012_01_s _ 2012_1				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control Arundo and other veg on waterside slope at the entrance to the levee.					

Photo 1 of 1 : SP_2017_NA0012_258_1_20170316_00010.jpg



Looking west at typical view of waterward slope.

LM Start	0.00	Rating **	M	Issue No.	8
LM End	0.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.174005 °	38.176920 °
				-121.674303 °	-121.677898 °
DWR ID	DWR_NA0012_01_s _ 2017_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control annual growth on landward slope.					

Photo 1 of 1 : SP_2017_NA0012_258_8_20170316_00011.jpg



Looking west at typical view of landward slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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Unit No. 01 Mellin Levee	Right	0.59	03/15/2017 03/15/2017	Richard Willoughby

LM Start	0.15	Rating **	M	Issue No.	10
LM End	0.59	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.175627 °	38.180044 °
				-121.676185 °	-121.681978 °
DWR ID	DWR_NA0012_01_s_2015_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control growth on crown roadway.					

Photo 1 of 1 : SP_2017_NA0012_258_10_20170316_00012.jpg



Looking west at growth on levee crown.

LM Start	0.36	Rating **	M	Issue No.	11
LM End	0.51	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.177672 °	38.179228 °
				-121.678847 °	-121.680865 °
DWR ID	DWR_NA0012_01_s_2017_11				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Repair ruts on levee crown.					

Photo 1 of 1 : SP_2017_NA0012_258_11_20170316_00013.jpg



Looking east at ruts on levee crown shoulder.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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Unit No. 01 Mellin Levee	Right	0.59	03/15/2017 03/15/2017	Richard Willoughby

LM Start	0.59	Rating **	M	Issue No.	12
LM End	0.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.180062 °	38.180062 °
				-121.681993 °	-121.681993 °
DWR ID	DWR_NA0012_01_s_2015_12				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Untrimmed tree on landward shoulder and slope.					

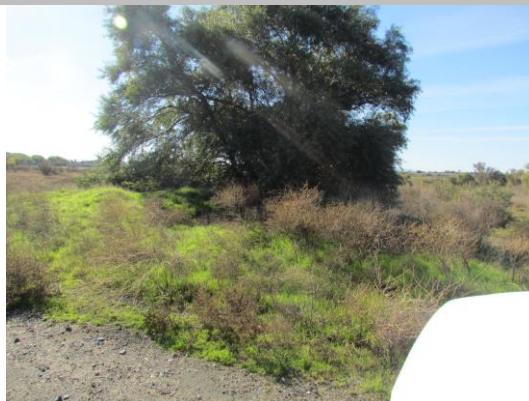
LM Start	0.59	Rating **	M	Issue No.	12 (cont)
LM End	0.59	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : SP_2017_NA0012_258_12_20170316_00014.jpg



Looking southwest at untrimmed tree on landward slope (Spring 2017)

Photo 2 of 3 : SP_2017_NA0012_258_12_20170314_00008.jpg



Looking southwest at untrimmed tree on landward slope. (Fall 2016)

LM Start	0.59	Rating **	M	Issue No.	12 (cont)
LM End	0.59	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2017_NA0012_258_12_20170314_00009.jpg



Looking at untrimmed tree on landward slope fall 2015.

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